

The present invention relates to a method of detecting an endocrine disrupting action of a test substance and also relates to a polynucleotide and a complementary nucleotide specifically expressed in a cell by the endocrine disrupting action, and a DNA chip having either the polynucleotide or the complementary polynucleotide. The present invention further relates to an abnormally-modified protein biosynthesized in a cell specifically by the endocrine disrupting action and an antibody of the abnormally modified protein and a DNA chip provided with the antibody.